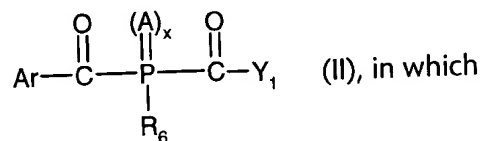


Please amend the above-identified patent application, without prejudice, as follows:

IN THE CLAIMS:

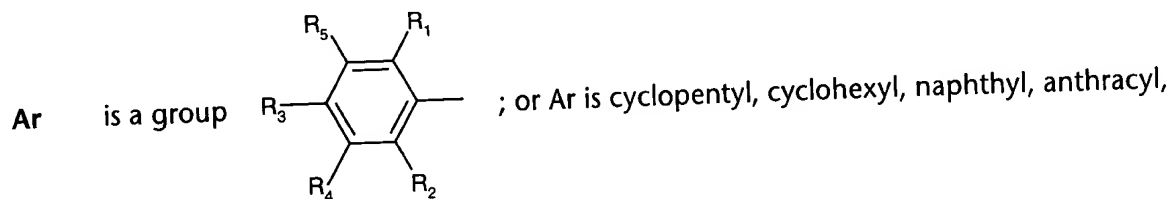
Amend claims 2 and 3 by replacement as follows:

2. (amended) A compound of the formula II



A is O or S;

x is 0 or 1;



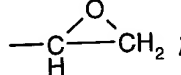
biphenyl or an O-, S- or N-containing 5- or 6-membered heterocyclic ring, where the radicals cyclopentyl, cyclohexyl, naphthyl, anthracyl, biphenyl and 5- or 6-membered heterocyclic ring are unsubstituted or substituted by halogen, C₁-C₄alkyl and/or C₁-C₄alkoxy;

R₁ and R₂ independently of one another are C₁-C₂₀alkyl, OR₁₁, CF₃ or halogen;

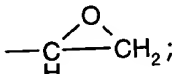
R₃, R₄ and R₅ independently of one another are hydrogen, C₁-C₂₀alkyl, OR₁₁ or halogen;

or in each case two of the radicals R₁, R₂, R₃, R₄ and R₅ together form C₁-C₂₀alkylene which can be interrupted by O, S or -NR₁₄;

R₆ is C₁-C₂₄alkyl, unsubstituted or substituted by C₅-C₂₄cycloalkenyl, phenyl, CN, C(O)R₁₁, C(O)OR₁₁, C(O)N(R₁₄)₂, OC(O)R₁₁, OC(O)OR₁₁, N(R₁₄)C(O)N(R₁₄), OC(O)NR₁₄, N(R₁₄)C(O)OR₁₁, cycloalkyl, halogen,

OR₁₁, SR₁₁, N(R₁₂)(R₁₃) or ;

C₂-C₂₄alkyl which is interrupted once or more than once by nonconsecutive O, S or NR₁₄ and which is unsubstituted or substituted by phenyl, OR₁₁, SR₁₁, N(R₁₂)(R₁₃), CN, C(O)R₁₁, C(O)OR₁₁, C(O)N(R₁₄)₂

and/or ;

C₂-C₂₄alkenyl which is uninterrupted or interrupted once or more than once by nonconsecutive O, S or NR₁₄ and which is unsubstituted or substituted by OR₁₁, SR₁₁ or N(R₁₂)(R₁₃);

C_5-C_{24} cycloalkenyl which is uninterrupted or interrupted once or more than once by nonconsecutive O, S or NR_{14} and which is unsubstituted or substituted by OR_{11} , SR_{11} or $N(R_{12})(R_{13})$;

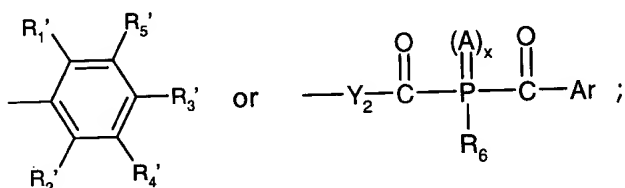
C_7-C_{24} arylalkyl which is unsubstituted or substituted on the aryl group by C_1-C_{12} alkyl, C_1-C_{12} alkoxy or halogen;

C_4-C_{24} cycloalkyl which is uninterrupted or interrupted once or more than once by O, S and/or NR_{14} and which is unsubstituted or substituted by OR_{11} , SR_{11} or $N(R_{12})(R_{13})$; or C_8-C_{24} arylcyaloalkyl or C_8-C_{24} arylcyaloalkenyl;

R_{11} is H, C_1-C_{20} alkyl, C_2-C_{20} alkenyl, C_3-C_8 cycloalkyl, phenyl, benzyl or C_2-C_{20} alkyl which is interrupted once or more than once by nonconsecutive O atoms and which is unsubstituted or substituted by OH and/or SH;

R_{12} and R_{13} independently of one another are hydrogen, C_1-C_{20} alkyl, C_3-C_8 cycloalkyl, phenyl, benzyl or C_2-C_{20} alkyl which is interrupted once or more than once by O or S and which is unsubstituted or substituted by OH and/or SH; or R_{12} and R_{13} together are C_3-C_5 alkylene which is uninterrupted or interrupted by O, S or NR_{14} ;

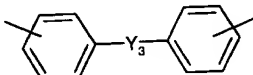
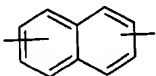
Y_1 is C_1-C_{18} alkyl which is unsubstituted or substituted by one or more phenyl; C_1-C_{18} -halogenoalkyl; C_2-C_{18} alkyl which is interrupted once or more than once by O or S and which can be substituted by OH and/or SH; unsubstituted C_3-C_{18} cycloalkyl or C_3-C_{18} cycloalkyl substituted by C_1-C_{20} alkyl, OR_{11} , CF_3 or halogen; C_2-C_{18} alkenyl; or Y_1 is OR_{11} , $N(R_{12})(R_{13})$ or one of the radicals



or Y_1 is cyclopentyl, cyclohexyl, naphthyl, anthracyl, biphenyl or an O-, S- or N-containing 5- or 6-membered heterocyclic ring, where the radicals cyclopentyl, cyclohexyl, naphthyl, anthracyl, biphenyl and 5- or 6-membered heterocyclic ring are unsubstituted or substituted by halogen, C_1-C_4 alkyl and/or C_1-C_4 alkoxy;

Y_2 is a direct bond; unsubstituted or phenyl-substituted C_1-C_{18} alkylene; unsubstituted C_4-C_{18} cycloalkylene or C_4-C_{18} cycloalkylene substituted by C_1-C_{12} alkyl, OR_{11} , halogen and/or phenyl; unsubstituted C_5-C_{18} cycloalkenylene or C_5-C_{18} cycloalkenylene substituted by C_1-C_{12} alkyl, OR_{11} , halogen

and/or phenyl; unsubstituted phenylene or phenylene substituted one to four times by C_1 - C_{12} alkyl, OR_{11} , halogen, $-(CO)OR_{14}$, $-(CO)N(R_{12})(R_{13})$ and/or phenyl;

or Y_2 is a radical  or , where these radicals are unsubstituted

or are substituted one to four times on one or both aromatic ring(s) by C_1 - C_{12} alkyl, OR_{11} , halogen and/or phenyl;

Y_3 is O, S, SO, SO_2 , CH_2 , $C(CH_3)_2$, $CHCH_3$, $C(CF_3)_2$, CO or a direct bond;

R_{14} is hydrogen, phenyl, C_1 - C_{12} alkyl or C_2 - C_{12} alkyl which is interrupted once or more than once by O or S and which can be substituted by OH and/or SH;

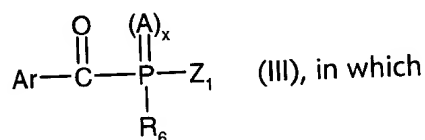
R_1' and R_2' independently of one another have the same meanings as given for R_1 and R_2 ; and

R_3' , R_4' and R_5' independently of one another have the same meanings as given for R_3 , R_4 and R_5 ;

or in each case two of the radicals R_1' , R_2' , R_3' , R_4' and R_5' together form C_1 - C_{20} alkylene which may be interrupted by O, S or $-NR_{14}$;

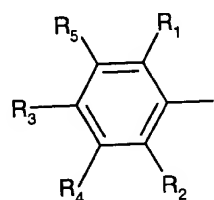
with the proviso that Y_1 is not identical to Ar and wherein the compounds n-butyl-(2,6-dimethoxybenzoyl)-(2,4,6-trimethylbenzoyl) phosphine oxide, i-butyl-(2,6-dimethoxybenzoyl)-(2,4,6-trimethylbenzoyl) phosphine oxide and (2,6-dimethoxybenzoyl)-(2,6-dimethylbenzoyl)-(2,4,4-trimethylpentyl) phosphine oxide are excluded.

→ 3. (amended) A compound of the formula III



A is O or S;

x is 0 or 1;

Ar is a group ; or Ar is cyclopentyl, cyclohexyl, naphthyl, anthracyl,

biphenyl or an O-, S- or N-containing 5- or 6-membered heterocyclic ring, where the radicals

cyclopentyl, cyclohexyl, naphthyl, anthracyl, biphenyl and 5- or 6-membered heterocyclic ring are unsubstituted or substituted by halogen, C₁-C₄alkyl and/or C₁-C₄alkoxy;

R₁ and R₂ independently of one another are C₁-C₂₀alkyl, OR₁₁, CF₃ or halogen;

R₃, R₄ and R₅ independently of one another are hydrogen, C₁-C₂₀alkyl, OR₁₁ or halogen;

or in each case two of the radicals R₁, R₂, R₃, R₄ and R₅ together form C₁-C₂₀alkylene which can be interrupted by O, S or -NR₁₄;

R₆ is C₁-C₂₄alkyl, unsubstituted or substituted by C₅-C₂₄cycloalkenyl, phenyl, CN, C(O)R₁₁, C(O)OR₁₁, C(O)N(R₁₄)₂, OC(O)R₁₁, OC(O)OR₁₁, N(R₁₄)C(O)N(R₁₄), OC(O)NR₁₄, N(R₁₄)C(O)OR₁₁, cycloalkyl, halogen,

OR₁₁, SR₁₁, N(R₁₂)(R₁₃) or $\text{---}\overset{\text{O}}{\underset{\text{H}}{\text{C}}}\text{---CH}_2$;

C₂-C₂₄alkyl which is interrupted once or more than once by nonconsecutive O, S or NR₁₄ and which is unsubstituted or substituted by phenyl, OR₁₁, SR₁₁, N(R₁₂)(R₁₃), CN, C(O)R₁₁, C(O)OR₁₁, C(O)N(R₁₄)₂

and/or $\text{---}\overset{\text{O}}{\underset{\text{H}}{\text{C}}}\text{---CH}_2$;

C₂-C₂₄alkenyl which is uninterrupted or interrupted once or more than once by nonconsecutive O, S or NR₁₄ and which is unsubstituted or substituted by OR₁₁, SR₁₁ or N(R₁₂)(R₁₃);

C₅-C₂₄cycloalkenyl which is uninterrupted or interrupted once or more than once by nonconsecutive O, S or NR₁₄ and which is unsubstituted or substituted by OR₁₁, SR₁₁ or N(R₁₂)(R₁₃);

C₇-C₂₄arylalkyl which is unsubstituted or substituted on the aryl group by C₁-C₁₂alkyl, C₁-C₁₂alkoxy or halogen;

C₄-C₂₄cycloalkyl which is uninterrupted or interrupted once or more than once by O, S and/or NR₁₄

and which is unsubstituted or substituted by OR₁₁, SR₁₁ or N(R₁₂)(R₁₃); or C₈-C₂₄arylalkyl or

C₈-C₂₄arylalkyl;

R₁₁ is H, C₁-C₂₀alkyl, C₂-C₂₀alkenyl, C₃-C₈cycloalkyl, phenyl, benzyl or C₂-C₂₀alkyl which is interrupted once or more than once by nonconsecutive O atoms and which is unsubstituted or substituted by OH and/or SH;

R₁₂ and R₁₃ independently of one another are hydrogen, C₁-C₂₀alkyl, C₃-C₈cycloalkyl, phenyl, benzyl or C₂-C₂₀alkyl, which is interrupted once or more than once by O or S and which is unsubstituted or substituted by OH and/or SH; or R₁₂ and R₁₃ together are C₃-C₅alkylene which is uninterrupted or interrupted by O, S or NR₁₄;

Z_1 is C_1 - C_{24} alkyl, which is unsubstituted or substituted once or more than once by OR_{15} , SR_{15} ,

$N(R_{16})(R_{17})$, phenyl, halogen, CN , $-N=C=A$, $\text{---}\overset{\text{O}}{\underset{\text{H}}{\text{C}}}\text{---CH}_2$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}R_{18}$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}OR_{18}$

and/or $\text{---}\overset{\text{A}_1}{\underset{\text{||}}{\text{C}}}\text{---}N(R_{18})_2$ or Z_1 is C_2 - C_{24} alkyl which is interrupted once or more than once by O , S or

NR_{14} and which can be substituted by OR_{15} , SR_{15} , $N(R_{16})(R_{17})$, phenyl, halogen, $\text{---}\overset{\text{O}}{\underset{\text{H}}{\text{C}}}\text{---CH}_2$,

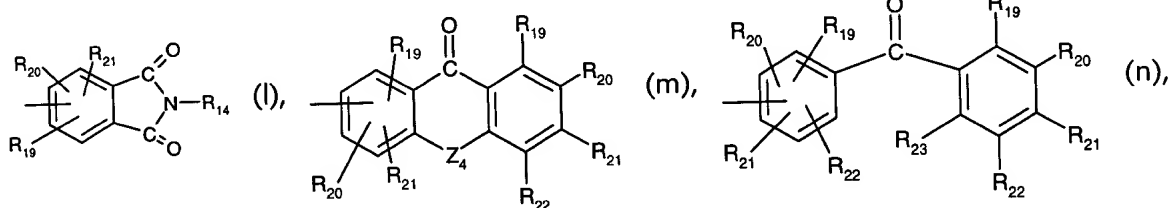
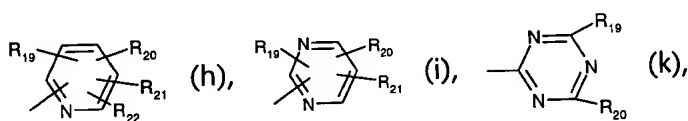
$\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}R_{18}$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}OR_{18}$ and/or $\text{---}\overset{\text{A}_1}{\underset{\text{||}}{\text{C}}}\text{---}N(R_{18})_2$; or Z_1 is C_1 - C_{24} alkoxy, which is substituted once or

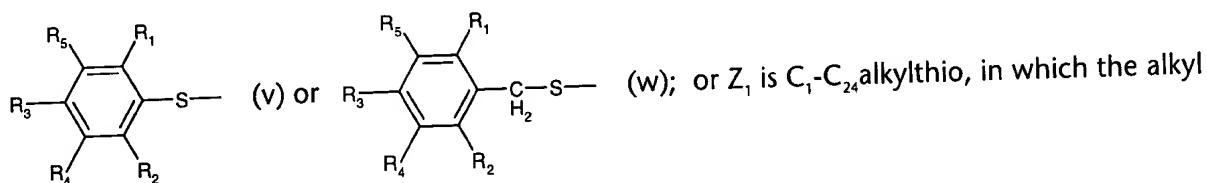
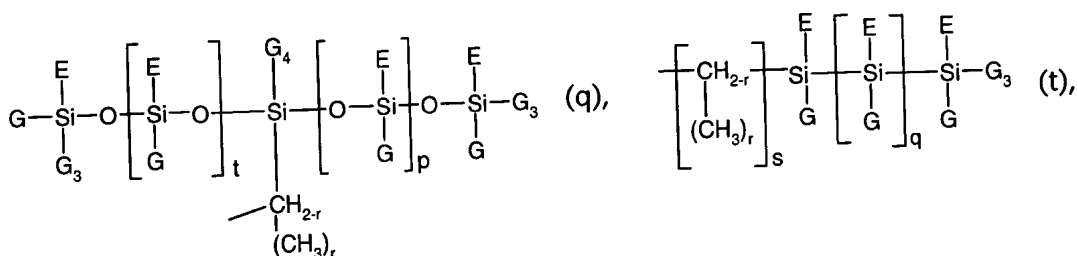
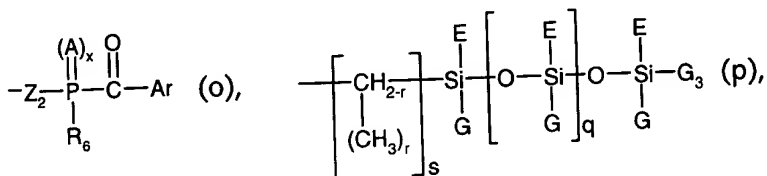
more than once by phenyl, CN , $-N=C=A$, $\text{---}\overset{\text{O}}{\underset{\text{H}}{\text{C}}}\text{---CH}_2$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}R_{18}$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}OR_{18}$ and/or

$\text{---}\overset{\text{A}_1}{\underset{\text{||}}{\text{C}}}\text{---}N(R_{18})_2$; or Z_1 is $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}OR_{11}$, $\text{---}\overset{\text{A}_1}{\underset{\text{||}}{\text{C}}}\text{---}N(R_{16})(R_{17})$, $\text{---}\overset{\text{A}}{\underset{\text{||}}{\text{C}}}\text{---}OR_{11a}$ or $\text{---}\overset{\text{A}_1}{\underset{\text{||}}{\text{C}}}\text{---}N(R_{18a})(R_{18b})$; or

Z_1 is unsubstituted C_3 - C_{24} cycloalkyl or C_3 - C_{24} cycloalkyl substituted by C_1 - C_{20} alkyl, OR_{11} , CF_3 or halogen; unsubstituted C_2 - C_{24} alkenyl or C_2 - C_{24} alkenyl substituted by C_6 - C_{12} aryl, CN , $(CO)OR_{15}$ or $(CO)N(R_{18})_2$; or

Z_1 is C_3 - C_{24} cycloalkenyl or is one of the radicals $\text{---}\text{C}_6\text{H}_3\text{---}$ (f), $\text{---}\text{C}_6\text{H}_3\text{---}$ (g),

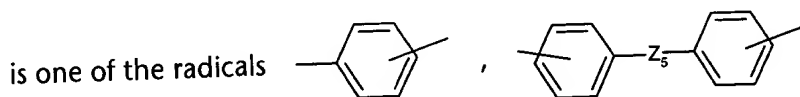





radical is uninterrupted or interrupted once or more than once by nonconsecutive O or S, and is unsubstituted or substituted by OR₁₅, SR₁₅ and/or halogen; with the proviso that Z₁ and R₆ are not identical;

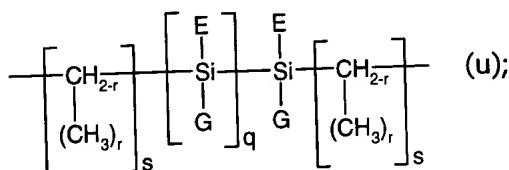
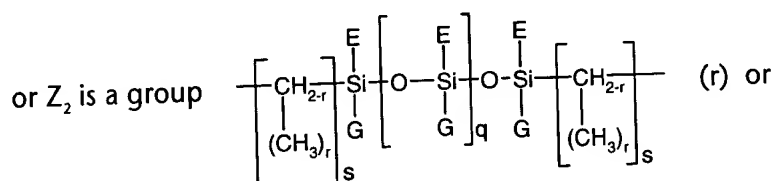
A₁ is O, S or NR_{18a};

Z₂ is C₁-C₂₄alkylene; C₂-C₂₄alkylene interrupted once or more than once by O, S or NR_{14i}; C₂₄alkenylene; C₂-C₂₄alkenylene interrupted once or more than once by O, S or NR_{14i}; C₃-C₂₄cycloalkylene; C₃-C₂₄cycloalkylene interrupted once or more than once by O, S or NR_{14i}; C₂₄cycloalkylene; C₃-C₂₄cycloalkenylene interrupted once or more than once by O, S or NR_{14i}; where the radicals C₁-C₂₄alkylene, C₂-C₂₄alkylene, C₂-C₂₄alkenylene, C₃-C₂₄cycloalkylene and C₃-C₂₄cycloalkenylene are unsubstituted or are substituted by OR₁₁, SR₁₁, N(R₁₂)(R₁₃) and/or halogen; or Z₂



or , where these radicals are unsubstituted or are substituted on the aromatic by C₁-C₂₀alkyl; C₂-C₂₀alkyl which is interrupted once or more than once by nonconsecutive O atoms

and which is unsubstituted or substituted by OH and/or SH; OR_{11} , SR_{11} , $N(R_{12})(R_{13})$, phenyl, halogen, NO_2 , CN, $(CO)-OR_{11}$, $(CO)-R_{11}$, $(CO)-N(R_{12})(R_{13})$, SO_2R_{24} , OSO_2R_{24} , CF_3 and/or CCl_3 ;



Z_3 is CH_2 , $CH(OH)$, $CH(CH_3)$ or $C(CH_3)_2$;

Z_4 is S, O, CH_2 , $C=O$, NR_{14} or a direct bond;

Z_5 is S, O, CH_2 , $CHCH_3$, $C(CH_3)_2$, $C(CF_3)_2$, SO, SO_2 , CO;

Z_6 and Z_7 independently of one another are CH_2 , $CHCH_3$ or $C(CH_3)_2$;

r is 0, 1 or 2;

s is a number from 1 to 12;

q is a number from 0 to 50;

t and p are each a number from 0 to 20;

E , G , G_3 and G_4 independently of one another are unsubstituted C_1 - C_{12} alkyl or C_1 - C_{12} alkyl substituted by halogen, or are unsubstituted phenyl or phenyl substituted by one or more C_1 - C_4 alkyl; or are C_2 - C_{12} alkenyl;

R_{11a} is C_1 - C_{20} alkyl substituted once or more than once by OR_{15} or $-\overset{\text{O}}{\underset{\text{H}}{\text{C}}}-CH_2$; or is C_2 - C_{20} alkyl which is

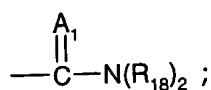
interrupted once or more than once by nonconsecutive O atoms and is unsubstituted or substituted

once or more than once by OR_{15} , halogen or $-\overset{\text{O}}{\underset{\text{H}}{\text{C}}}-CH_2$; or R_{11a} is C_2 - C_{20} alkenyl, C_3 - C_{12} alkynyl; or R_{11a} is

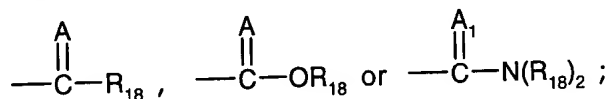
C_3 - C_{12} cycloalkenyl which is substituted once or more than once by halogen, NO_2 , C_1 - C_6 alkyl, OR_{11} or $C(O)OR_{18}$; or C_7 - C_{16} arylalkyl or C_8 - C_{16} aryl cycloalkyl;

R_{14} is hydrogen, phenyl, C_1 - C_{12} alkoxy, C_1 - C_{12} alkyl or C_2 - C_{12} alkyl which is interrupted once or more than once by O or S and which is unsubstituted or substituted by OH and/or SH;

R_{15} has one of the meanings given for R_{11} or is a radical $\text{—}\overset{\overset{\text{A}}{\parallel}}{\text{C}}\text{—}R_{18}$, $\text{—}\overset{\overset{\text{A}}{\parallel}}{\text{C}}\text{—}OR_{18}$ or



R_{16} and R_{17} independently of one another have one of the meanings given for R_{12} or are a radical



R_{18} is hydrogen, $C_1\text{--}C_{24}$ alkyl, $C_2\text{--}C_{12}$ alkenyl, $C_3\text{--}C_8$ cycloalkyl, phenyl, benzyl; $C_2\text{--}C_{20}$ alkyl which is interrupted once or more than once by O or S and which is unsubstituted or substituted by OH;

R_{18a} and R_{18b} independently of one another are hydrogen; $C_1\text{--}C_{20}$ alkyl, which is substituted once or more than once by OR_{15} , halogen, styryl, methylstyryl, $\text{—}N=C=A$ or $\text{—}\overset{\overset{\text{O}}{\parallel}}{\text{C}}\text{—}H\text{—}CH_2$; or $C_2\text{--}C_{20}$ alkyl, which is

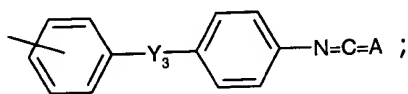
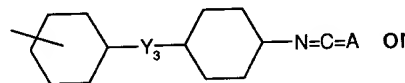
interrupted once or more than once by nonconsecutive O atoms and which is unsubstituted or

substituted once or more than once by OR_{15} , halogen, styryl, methylstyryl or $\text{—}\overset{\overset{\text{O}}{\parallel}}{\text{C}}\text{—}H\text{—}CH_2$; or R_{18a} and

R_{18b} are $C_2\text{--}C_{12}$ alkenyl; $C_5\text{--}C_{12}$ cycloalkyl, which is substituted by $\text{—}N=C=A$ or $\text{—}CH_2\text{—}N=C=A$ and is

additionally unsubstituted or substituted by one or more $C_1\text{--}C_4$ alkyl; or R_{18a} and R_{18b} are $C_6\text{--}C_{12}$ aryl, unsubstituted or substituted once or more than once by halogen, NO_2 , $C_1\text{--}C_6$ alkyl, $C_2\text{--}C_4$ alkenyl, OR_{11} , $\text{—}N=C=A$, $\text{—}CH_2\text{—}N=C=A$ or $C(O)OR_{18}$; or R_{18a} and R_{18b} are $C_7\text{--}C_{16}$ arylalkyl; or R_{18a} and R_{18b} together are $C_8\text{--}$

C_{16} aryl cycloalkyl; or R_{18a} and R_{18b} independently of one another are



Y_3 is O, S, SO, SO_2 , CH_2 , $C(CH_3)_2$, $CHCH_3$, $C(CF_3)_2$, (CO), or a direct bond;

R_{19} , R_{20} , R_{21} , R_{22} and R_{23} independently of one another are hydrogen, $C_1\text{--}C_{20}$ alkyl; $C_2\text{--}C_{20}$ alkyl, which is interrupted once or more than once by nonconsecutive O atoms and which is unsubstituted or substituted by OH and/or SH; or R_{19} , R_{20} , R_{21} , R_{22} and R_{23} are OR_{11} , SR_{11} , $N(R_{12})(R_{13})$, NO_2 , CN, SO_2R_{24} , OSO_2R_{24} , CF_3 , CCl_3 , halogen; or phenyl which is unsubstituted or substituted once or more than once by $C_1\text{--}C_4$ alkyl or $C_1\text{--}C_4$ alkoxy;

or in each case two of the radicals R_{19} , R_{20} , R_{21} , R_{22} and R_{23} together form C_1 - C_{20} alkylene which is uninterrupted or interrupted by O, S or $-NR_{14}$;

*Bl
Concl*
 R_{24} is C_1 - C_{12} alkyl, halogen-substituted C_1 - C_{12} alkyl, phenyl, or phenyl substituted by OR_{11} and/or SR_{11} ; with the proviso that R_6 and Z_1 are not identical and wherein the compounds benzyl-n-butyl-(2,6-dimethoxybenzoyl) phosphine oxide and benzyl-n-butyl-(2,4,6-trimethylbenzoyl) phosphine oxide are excluded.
